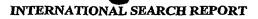


International application No.

			PCT/JP2	PCT/JP2004/003297	
A. CLASSIFI Int.Cl	CATION OF SUBJECT MATTER 7 H01R13/646				
According to In	sternational Patent Classification (IPC) or to both nation	nal classification and IPC			
B. FIELDS SI					
	mentation searched (classification system followed by 6 H01R13/646, H01P5/08	classification symbols)			
				<u> </u>	
Jitsuyo		tent that such documents a oroku Jitsuyo Shi itsuyo Shinan Tor	nan Koho	e fields searched 1994–2004 1996–2004	
Electronic data	base consulted during the international search (name of	data base and, where prac	ticable, search te	rms used)	
C. DOCUME	NTS CONSIDERED TO BE RELEVANT	·		·	
Category*	Citation of document, with indication, where a	ppropriate, of the relevant	passages	Relevant to claim No.	
Х Ү	JP 9-199912 A (Nippon Telegr Corp.), 31 July, 1997 (31.07.97), Par. Nos. [0002] to [0004]; (Family: none)	raph And Teleph Fig. 6	one	1-6 . 7,8	
X Y	JP 2000-241780 A (Nippon Gla 08 September, 2000 (08.09.00 Full text; Figs. 1 to 2 (Family: none)			1-6 7,8	
Y A	JP 64-5102 A (Nippon Telegra Corp.), 10 January, 1989 (10.01.89), Page 2, upper right column, left column, line 5; Fig. 7 (Family: none)	-		7,8 1-6	
× Further do	cuments are listed in the continuation of Box C.	See patent family	аплех.		
* Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family			
Date of the actual completion of the international search 07 June, 2004 (07.06.04)		Date of mailing of the international search report 22 June, 2004 (22.06.04)			
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			

Telephone No.



International application No.
PCT/JP2004/003297

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N
Α .	JP 2003-68906 A (Kyocera Corp.), 07 March, 2003 (07.03.03), Full text; all drawings (Family: none)	1-8
P,X	JP 2003-233043 A (Fujitsu Ltd.), 22 August, 2003 (22.08.03), Full text; all drawings & EP 1335237 A1 & US 2003/0151792 A1	
		. •
		·



International application No. PCT/JP2004/003297

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international	search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims 1 because	Nos.: they relate to subject matter not required to be searched by this Authority, namely:
	Nos.: they relate to parts of the international application that do not comply with the prescribed requirements to such an at no meaningful international search can be carried out, specifically:
3. Claims N because t	Nos.: they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
As state	Searching Authority found multiple inventions in this international application, as follows: ed in Box C, the inventions of independent claims 1 and 2 do not involve an inventive step in view of documents 1 and 2.
claims 1-	ently, there is no technical relationship among the inventions of 8 involving a special technical feature which defines such a ion over the prior art that the inventions make as a whole.
1. As all required claims.	uired additional search fees were timely paid by the applicant, this international search report covers all searchable
2. X As all sear any addition	chable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of
3. As only so	ome of the required additional search fees were timely paid by the applicant, this international search report covers claims for which fees were paid, specifically claims Nos.:
	ed additional search fees were timely paid by the applicant. Consequently, this international search report is to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest	The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.